



# **Appendices for MH/DD/SAS Community Systems Progress Report**

**First Quarter SFY 2008-2009**  
**July 1 – September 30, 2008**

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These appendices are a companion document to the *Community Systems Progress Report*. Both the report and appendices are available on the Division's website at: <http://www.ncdhhs.gov/mhddsas/statspublications/reports>.

**Appendix A** contains a table that categorizes LMEs into three groups -- Urban, Mixed, or Rural -- according to the population density (persons per square mile) of the LME's member counties. It includes the LME name abbreviations used in the report, the LME's member counties, and the population density of each county that was used to categorize each LME.

**Appendix B** contains the data tables for each Progress Indicator in the Report.

**Appendix C** provides a summary sheet for each LME to use to review its performance on progress indicators to statewide standards, targets, and averages as well as the averages for the three LME groups.

**Appendix D** explains the formulas used for calculating each performance indicator.

APPENDIX A: LMEs, Abbreviations, Member Counties, and Population Density*			
Urban**		Mixed**	
<b>Cumberland</b>	469	<b>Alamance-Caswell-Rockingham (ACR)</b>	<b>Sandhills Center</b>
<b>Durham</b>	845	Alamance	327
<b>Guilford</b>	691	Caswell	56
<b>Mecklenburg</b>	1,559	Rockingham	162
<b>Pathways</b>		<b>Beacon Center</b>	
Cleveland	210	Edgecombe	104
Gaston	549	Greene	77
Lincoln	237	Nash	171
<b>Wake</b>	940	Wilson	209
		<b>CenterPoint</b>	<b>Southeastern Center (SEC)</b>
		Davie	150
		Forsyth	809
		Stokes	103
		<b>Crossroads</b>	<b>Western Highlands (WHighlands)</b>
<b>Albemarle</b>		Iredell	249
Camden	39	Surry	138
Chowan	84	Yadkin	113
Currituck	91	<b>Eastpointe</b>	
Dare	92	Duplin	64
Hyde	9	Lenoir	146
Martin	47	Sampson	68
Pasquotank	175	Wayne	211
Perquimans	50	<b>Eastern Carolina Behavioral Healthcare (ECBH)</b>	
Tyrrell	11	Beaufort	56
Washington	38	Bertie	28
<b>Five County</b>		Craven	131
Franklin	112	Gates	33
Granville	102	Hertford	68
Halifax	77	Jones	22
Vance	173	Northampton	40
Warren	48	Pamlico	39
<b>Johnston</b>	191	Pitt	223
<b>Southeastern Regional (SER)</b>		<b>Mental Health Partners (MH Partners)</b>	
Bladen	38	Burke	175
Columbus	58	Catawba	377
Robeson	136	<b>Onslow-Careteret (OC)</b>	
Scotland	116	Carteret	122
<b>Smoky Mountain (SMountain)</b>		Onslow	206
Alexander	140	<b>Orange-Person-Chatham (OPC)</b>	
Alleghany	46	Chatham	84
Ashe	60	Orange	310
Avery	73	Person	96
Caldwell	167	<b>Piedmont Behavioral Health (PBH)</b>	
Cherokee	58	Cabarrus	423
Clay	47	Davidson	282
Graham	28	Rowan	263
Haywood	103	Stanly	150
Jackson	74	Union	264
Macon	78		
McDowell	64		
Swain	26		
Watauga	138		
Wilkes	89		

\* Definition of Urban is from N.C. Rural Economic Development Center's Rural Data Bank <http://www.ncruralcenter.org/databank/>. Population density is based on North Carolina State Demographics Unit July 2006 Population Projections (as of 12/6/06) and county area from the US Census Bureau 2006 Quick Facts (<http://quickfacts.census.gov/qfd/states>).

\*\* Urban counties have an average of 200 or more persons living per square mile of land area. The Mixed group contains multi-county LMEs with at least one member county meeting the definition of urban. Rural counties contain fewer than 200 persons per square mile.

## *Appendix B: Data Tables For Each Progress Indicator*

INDICATOR 1: Timely Access to Care (Emergent Care)									
LME	# Persons Requesting Services	Determined To Need Emergent		Provided Within 2 Hours		Access Available But Not Seen in 2 Hours*		Total Provided Access Within 2 Hours**	
		# Persons	% of Persons Requesting Services	# Persons	% of Persons Determined To Need	# Persons	% of Persons Determined To Need	# Persons	% of Persons Determined To Need
Cumberland	1,626	6	0%	6	100%	0	0%	6	100%
Durham	1,728	491	28%	491	100%	0	0%	491	100%
Guilford	3,517	1,200	34%	1,200	100%	0	0%	1,200	100%
Mecklenburg	1,388	249	18%	235	94%	14	6%	249	100%
Pathways	1,986	233	12%	217	93%	2	1%	219	94%
Wake	3,031	610	20%	610	100%	0	0%	610	100%
<b>URBAN SUBTOTAL</b>	<b>13,276</b>	<b>2,789</b>	<b>21%</b>	<b>2,759</b>	<b>99%</b>	<b>16</b>	<b>1%</b>	<b>2,775</b>	<b>99%</b>
ACR	2,056	376	18%	352	94%	24	6%	376	100%
Beacon Ctr	1,118	51	5%	50	98%	1	2%	51	100%
CenterPoint	4,010	1,191	30%	1,171	98%	20	2%	1,191	100%
Crossroads	2,377	601	25%	601	100%	0	0%	601	100%
ECBH	1,188	164	14%	164	100%	0	0%	164	100%
Eastpointe	1,269	191	15%	191	100%	0	0%	191	100%
MHPartners	1,941	52	3%	40	77%	12	23%	52	100%
OC	862	152	18%	152	100%	0	0%	152	100%
OPC	1,311	300	23%	299	100%	1	0%	300	100%
Piedmont									
Sandhills	1,925	550	29%	550	100%	0	0%	550	100%
SEC	1,968	30	2%	30	100%	0	0%	30	100%
WHighlands	1,736	152	9%	138	91%	6	4%	144	95%
<b>MIXED SUBTOTAL</b>	<b>21,761</b>	<b>3,810</b>	<b>18%</b>	<b>3,738</b>	<b>98%</b>	<b>64</b>	<b>2%</b>	<b>3,802</b>	<b>100%</b>
Albemarle	1,657	202	12%	175	87%	27	13%	202	100%
Five County	1,779	696	39%	696	100%	0	0%	696	100%
Johnston	889	171	19%	171	100%	0	0%	171	100%
SMountain	3,731	430	12%	379	88%	24	6%	403	94%
SER	1,988	178	9%	178	100%	0	0%	178	100%
<b>RURAL SUBTOTAL</b>	<b>10,044</b>	<b>1,677</b>	<b>17%</b>	<b>1,599</b>	<b>95%</b>	<b>51</b>	<b>3%</b>	<b>1,650</b>	<b>98%</b>
<b>STATEWIDE</b>	<b>45,081</b>	<b>8,276</b>	<b>18%</b>	<b>8,096</b>	<b>98%</b>	<b>131</b>	<b>2%</b>	<b>8,227</b>	<b>99%</b>

SOURCE: LME quarterly reports to DMH/DD/SAS. July 1 - September 30, 2008.

\* "Access Available But Not Seen" is defined as a qualified provider was on the physical premises ready to provide immediate care as soon as the consumer was available to receive care, but a face-to-face service was not provided within 2 hours of the request for services because the consumer was not available within this time frame to receive it.

\*\* "Total Provided Access Within 2 Hours" includes consumers provided emergency care plus consumers provided access but not seen within 2 hours of the request.

INDICATOR 1: Timely Access to Care (Urgent Care)									
LME	# Persons Requesting Services	Determined To Need		Provided Within 48 Hours		Offered But Declined*		Scheduled - No Show	
		# Persons	% of Persons Requesting Services	# Persons	% of Persons Determined To Need	# Persons	% of Persons Determined To Need	# Persons	% of Persons Determined To Need
Cumberland	1,626	139	9%	123	89%	8	6%	8	6%
Durham	1,728	210	12%	187	89%	4	2%	18	9%
Guilford	3,517	106	3%	106	100%	0	0%	0	0%
Mecklenburg	1,388	491	35%	465	95%	0	0%	21	4%
Pathways	1,986	87	4%	82	94%	1	1%	3	3%
Wake	3,031	772	25%	738	96%	4	1%	30	4%
<b>URBAN SUBTOTAL</b>	<b>13,276</b>	<b>1,805</b>	<b>14%</b>	<b>1,701</b>	<b>94%</b>	<b>17</b>	<b>1%</b>	<b>80</b>	<b>4%</b>
ACR	2,056	236	11%	236	100%	0	0%	0	0%
Beacon Ctr	1,118	291	26%	104	36%	36	12%	64	22%
CenterPoint	4,010	218	5%	182	84%	0	0%	30	14%
Crossroads	2,377	283	12%	122	43%	0	0%	6	2%
ECBH	1,188	184	15%	134	73%	21	11%	44	24%
Eastpointe	1,269	149	12%	67	45%	0	0%	82	55%
MHPartners	1,941	274	14%	238	87%	0	0%	3	1%
OC	862	140	16%	138	99%	2	1%	0	0%
OPC	1,311	254	19%	241	95%	2	1%	5	2%
Piedmont									
Sandhills	1,925	373	19%	337	90%	19	5%	17	5%
SEC	1,968	516	26%	378	73%	8	2%	33	6%
WHighlands	1,736	101	6%	60	59%	22	22%	10	10%
<b>MIXED SUBTOTAL</b>	<b>21,761</b>	<b>3,019</b>	<b>14%</b>	<b>2,237</b>	<b>74%</b>	<b>110</b>	<b>4%</b>	<b>294</b>	<b>10%</b>
Albemarle	1,657	227	14%	158	70%	43	19%	26	11%
Five County	1,779	33	2%	33	100%	0	0%	0	0%
Johnston	889	94	11%	92	98%	2	2%	0	0%
SMountain	3,731	736	20%	336	46%	0	0%	84	11%
SER	1,988	202	10%	130	64%	49	24%	23	11%
<b>RURAL SUBTOTAL</b>	<b>10,044</b>	<b>1,292</b>	<b>13%</b>	<b>749</b>	<b>58%</b>	<b>94</b>	<b>7%</b>	<b>133</b>	<b>10%</b>
<b>STATEWIDE</b>	<b>45,081</b>	<b>6,116</b>	<b>14%</b>	<b>4,687</b>	<b>77%</b>	<b>221</b>	<b>4%</b>	<b>507</b>	<b>8%</b>

SOURCE: LME quarterly reports to DMH/DD/SAS. July 1 - September 30, 2008.

\* "Offered But Declined" includes consumers that were offered an appointment within the target time frame but declined for personal convenience or necessity and requested a later appointment or were scheduled for an appointment within the target time frame but called and rescheduled it to a later time.

NOTE: Percentages should **NOT** total 100% across the LME row.

INDICATOR 1: Timely Access to Care (Routine Care)									
LME	# Persons Requesting Services	Determined To Need		Provided Within 14 Calendar Days		Offered But Declined*		Scheduled - No Show	
		# Persons	% of Persons Requesting Services	# Persons	% of Persons Determined To Need	# Persons	% of Persons Determined To Need	# Persons	% of Persons Determined To Need
Cumberland	1,626	700	43%	528	75%	65	9%	107	15%
Durham	1,728	1,027	59%	894	87%	33	3%	91	9%
Guilford	3,517	1,786	51%	1,425	80%	11	1%	354	20%
Mecklenburg	1,388	648	47%	365	56%	0	0%	274	42%
Pathways	1,986	1,089	55%	471	43%	81	7%	143	13%
Wake	3,031	1,104	36%	1,082	98%	3	0%	19	2%
<b>URBAN SUBTOTAL</b>	<b>13,276</b>	<b>6,354</b>	<b>48%</b>	<b>4,765</b>	<b>75%</b>	<b>193</b>	<b>3%</b>	<b>988</b>	<b>16%</b>
ACR	2,056	1,444	70%	675	47%	62	4%	73	5%
Beacon Ctr	1,118	714	64%	383	54%	46	6%	239	33%
CenterPoint	4,010	2,570	64%	1,799	70%	68	3%	477	19%
Crossroads	2,377	1,326	56%	880	66%	27	2%	107	8%
ECBH	1,188	840	71%	505	60%	116	14%	269	32%
Eastpointe	1,269	929	73%	787	85%	0	0%	142	15%
MHPartners	1,941	1,586	82%	463	29%	217	14%	277	17%
OC	862	570	66%	418	73%	13	2%	19	3%
OPC	1,311	622	47%	422	68%	25	4%	144	23%
Piedmont									
Sandhills	1,925	978	51%	730	75%	111	11%	137	14%
SEC	1,968	862	44%	691	80%	33	4%	138	16%
WHighlands	1,736	1,464	84%	1,049	72%	276	19%	39	3%
<b>MIXED SUBTOTAL</b>	<b>21,761</b>	<b>13,905</b>	<b>64%</b>	<b>8,802</b>	<b>63%</b>	<b>994</b>	<b>7%</b>	<b>2,061</b>	<b>15%</b>
Albemarle	1,657	1,228	74%	654	53%	82	7%	142	12%
Five County	1,779	1,050	59%	816	78%	17	2%	55	5%
Johnston	889	543	61%	327	60%	36	7%	179	33%
SMountain	3,731	2,544	68%	1,374	54%	0	0%	561	22%
SER	1,988	886	45%	654	74%	55	6%	177	20%
<b>RURAL SUBTOTAL</b>	<b>10,044</b>	<b>6,251</b>	<b>62%</b>	<b>3,825</b>	<b>61%</b>	<b>190</b>	<b>3%</b>	<b>1,114</b>	<b>18%</b>
<b>STATEWIDE</b>	<b>45,081</b>	<b>26,510</b>	<b>59%</b>	<b>17,392</b>	<b>66%</b>	<b>1,377</b>	<b>5%</b>	<b>4,163</b>	<b>16%</b>

SOURCE: LME quarterly reports to DMH/DD/SAS. July 1 - September 30, 2008.

\* "Offered But Declined" includes consumers that were offered an appointment within the target time frame but declined for personal convenience or necessity and requested a later appointment or were scheduled for an appointment within the target time frame but called and rescheduled it to a later time.

NOTE: Percentages should **NOT** total 100% across the LME row.

INDICATOR 2: Identification of Individuals In Need of Service (Adults)									
LME	Adult MH			Adult DD			Adult SA		
	Number in Need	Number Served	Percent of Population in Need Served	Number in Need	Number Served	Percent of Population in Need Served	Number in Need	Number Served	Percent of Population in Need Served
Cumberland	12,512	5,303	42%	1,980	578	29%	21,729	1,350	6%
Durham	10,629	4,521	43%	1,647	618	38%	18,064	1,468	8%
Guilford	19,277	7,422	39%	2,856	1,033	36%	31,521	2,432	8%
Mecklenburg	35,783	8,898	25%	5,409	1,737	32%	57,826	5,054	9%
Pathways	15,459	9,410	61%	2,185	1,196	55%	24,159	2,479	10%
Wake	34,738	8,336	24%	5,309	1,222	23%	56,800	3,042	5%
<b>URBAN SUBTOTAL</b>	<b>128,398</b>	<b>43,890</b>	<b>34%</b>	<b>19,385</b>	<b>6,384</b>	<b>33%</b>	<b>210,100</b>	<b>15,825</b>	<b>8%</b>
ACR	10,779	4,358	40%	1,528	565	37%	17,022	1,152	7%
Beacon Ctr	9,943	3,829	39%	1,405	653	46%	15,568	922	6%
CenterPoint	17,663	6,932	39%	2,525	916	36%	27,962	2,381	9%
Crossroads	10,847	4,851	45%	1,523	544	36%	16,840	1,347	8%
ECBH	16,594	6,614	40%	2,439	1,171	48%	27,649	2,187	8%
Eastpointe	11,752	5,177	44%	1,683	881	52%	18,670	1,155	6%
MHPartners	10,024	4,742	47%	1,427	532	37%	15,797	1,497	9%
OC	9,811	3,256	33%	1,659	382	23%	19,220	1,137	6%
OPC	9,708	2,627	27%	1,490	549	37%	16,736	1,004	6%
Piedmont*									
Sandhills	21,793	9,219	42%	3,115	1,051	34%	34,517	2,455	7%
SEC	15,071	5,153	34%	2,109	715	34%	23,746	1,933	8%
WHighlands	21,423	10,449	49%	2,888	1,356	47%	32,757	2,953	9%
<b>MIXED SUBTOTAL</b>	<b>165,408</b>	<b>67,207</b>	<b>41%</b>	<b>23,789</b>	<b>9,315</b>	<b>39%</b>	<b>266,485</b>	<b>20,123</b>	<b>8%</b>
Albemarle	7,762	4,056	52%	1,066	488	46%	12,023	1,260	10%
Five County	9,505	5,768	61%	1,346	645	48%	14,871	1,550	10%
Johnston	6,428	3,177	49%	944	221	23%	10,099	1,061	11%
SMountain	22,251	11,352	51%	3,090	1,253	41%	35,210	3,568	10%
SER	10,072	6,184	61%	1,445	813	56%	16,008	1,837	11%
<b>RURAL SUBTOTAL</b>	<b>56,018</b>	<b>30,537</b>	<b>55%</b>	<b>7,891</b>	<b>3,420</b>	<b>43%</b>	<b>88,211</b>	<b>9,276</b>	<b>11%</b>
<b>STATEWIDE</b>	<b>349,824</b>	<b>141,634</b>	<b>40%</b>	<b>51,065</b>	<b>19,119</b>	<b>37%</b>	<b>564,796</b>	<b>45,224</b>	<b>8%</b>

SOURCE: Medicaid and State Service Claims Data. July 1, 2007 to June 30, 2008.

\* Data on service claims for Piedmont are not available for this report.

#### Data Sources and Calculations

**Population Data:** The Office of State Budget and Management (OSBM) State Demographics Branch website: <http://www.osbm.state.nc.us/demog/c08sage.html>. Last Update: June 9, 2008. Downloaded 6/27/08.

**MH Prevalence Rates:** Prepared by NRI/SDICC for CMHS, June 14, 2008 (for the MH Block Grant)

- **Children:** URS Table 1: Children with Serious Emotional Disturbance, ages 9-17, by State, 2007. Note: 12% is the midpoint (11%-13%) for the LOF=60 range (SED with substantial functional impairment). The same rate was applied to children under age 9.
- **Adults:** URS Table 1: Number of Persons with Serious Mental Illness, age 18 and older, by State, 2007.

**NC Substance Abuse Prevalence Rates:** SAMHSA, Office of Applied Studies, National Surveys on Drug Use and Health, 2005 and 2006, published Feb 2008.

- **Children and Adults:** Table B.20, Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year, by Age Group and State: Percentages, Annual Averages Based on 2005 and 2006 NSDUH.

Prevalence rate for adolescents (ages 12-17) is 7.83%, for adults (ages 18-25) is 18.87%, and for adults (ages 26+) is 6.84%. Total = 8.45%. Applying these age group rates to July 2008 population = 8.62% total.

**DD Prevalence Rates:** Report by the US DHHS, Surgeon General (2001) based on data from the 1994 and 1995 National Health Interview Survey (NHIS) Disability Supplement, Phase I, Estimated Ages of People with MR/DD in US Non-Institutional Population. Prevalence rates for persons ages 3-5 = 3.8%, ages 6-16 = 3.2%, ages 17-24 = 1.5%, ages 25-34 = 0.9%, ages 35-44 = 0.8%, ages 45-54 = 0.7%, ages 55-64 = 0.5%, ages 65+ = 0.4%.

**Estimated Persons In Need Of Services:** These numbers were calculated by multiplying the most current available statewide prevalence rates for NC for MH, DD, and SA by the July 2008 county population projections for each relevant age group for each county in each LME's catchment area.

**Persons Served:** Disability group is based on the first three diagnoses on all claims. Persons in each disability group were counted once -- based on the LME and age at first service in the year. Persons with multiple disabilities (e.g. MH and SA, MH and DD, etc.) were counted in all applicable columns. An unduplicated total of 101,695 children and 176,532 adults were served during this 12 month period.



INDICATOR 2: Identification of Individuals In Need of Service (Children/Adolescents)									
LME	Child/Adolescent MH			Child/Adolescent DD			Adolescent SA		
	Number in Need	Number Served	Percent of Population in Need Served	Number in Need	Number Served	Percent of Population in Need Served	Number in Need	Number Served	Percent of Population in Need Served
Cumberland	8,211	3,835	47%	2,190	346	16%	2,143	165	8%
Durham	6,055	3,973	66%	1,628	379	23%	1,476	164	11%
Guilford	11,294	4,326	38%	3,009	496	16%	2,975	174	6%
Mecklenburg	22,437	7,234	32%	6,020	1,070	18%	5,536	355	6%
Pathways	9,068	4,956	55%	2,414	764	32%	2,424	180	7%
Wake	21,978	6,374	29%	5,887	764	13%	5,541	234	4%
<b>URBAN SUBTOTAL</b>	<b>79,042</b>	<b>30,698</b>	<b>39%</b>	<b>21,147</b>	<b>3,819</b>	<b>18%</b>	<b>20,095</b>	<b>1,272</b>	<b>6%</b>
ACR	6,198	2,317	37%	1,654	216	13%	1,624	86	5%
Beacon Ctr	6,226	3,675	59%	1,658	390	24%	1,686	74	4%
CenterPoint	10,547	4,177	40%	2,809	472	17%	2,772	284	10%
Crossroads	6,705	1,894	28%	1,792	260	15%	1,743	126	7%
ECBH	9,168	7,562	82%	2,448	803	33%	2,415	242	10%
Eastpointe	7,548	4,159	55%	2,017	483	24%	1,960	115	6%
MHPartners	5,987	2,807	47%	1,592	232	15%	1,608	107	7%
OC	5,060	1,943	38%	1,355	231	17%	1,303	74	6%
OPC	4,820	1,804	37%	1,288	304	24%	1,265	86	7%
Piedmont*									
Sandhills	13,474	6,207	46%	3,597	616	17%	3,510	285	8%
SEC	7,089	4,101	58%	1,889	655	35%	1,910	110	6%
WHighlands	10,681	5,455	51%	2,846	719	25%	2,849	217	8%
<b>MIXED SUBTOTAL</b>	<b>93,504</b>	<b>46,101</b>	<b>49%</b>	<b>24,946</b>	<b>5,381</b>	<b>22%</b>	<b>24,645</b>	<b>1,806</b>	<b>7%</b>
Albemarle	4,089	2,571	63%	1,095	219	20%	1,086	76	7%
Five County	5,744	3,077	54%	1,531	269	18%	1,559	155	10%
Johnston	4,325	1,544	36%	1,162	152	13%	1,056	48	5%
SMountain	10,843	5,951	55%	2,896	500	17%	2,882	186	6%
SER	6,885	5,754	84%	1,836	614	33%	1,821	146	8%
<b>RURAL SUBTOTAL</b>	<b>31,885</b>	<b>18,897</b>	<b>59%</b>	<b>8,519</b>	<b>1,754</b>	<b>21%</b>	<b>8,404</b>	<b>611</b>	<b>7%</b>
<b>STATEWIDE</b>	<b>204,432</b>	<b>95,696</b>	<b>47%</b>	<b>54,613</b>	<b>10,954</b>	<b>20%</b>	<b>53,144</b>	<b>3,689</b>	<b>7%</b>

SOURCE: Medicaid and State Service Claims Data. July 1, 2007 to June 30, 2008.

\* Data on service claims for Piedmont are not available for this report.

#### Data Sources and Calculations

**Population Data:** The Office of State Budget and Management (OSBM) State Demographics Branch website: <http://www.osbm.state.nc.us/demog/c08sage.html>. Last Update: June 9, 2008. Downloaded 6/27/08.

**MH Prevalence Rates:** Prepared by NRI/SDICC for CMHS, June 14, 2008 (for the MH Block Grant)

- **Children:** URS Table 1: Children with Serious Emotional Disturbance, ages 9-17, by State, 2007. Note: 12% is the midpoint (11%-13%) for the LOF=60 range (SED with substantial functional impairment). The same rate was applied to children under age 9.
- **Adults:** URS Table 1: Number of Persons with Serious Mental Illness, age 18 and older, by State, 2007.

**NC Substance Abuse Prevalence Rates:** SAMHSA, Office of Applied Studies, National Surveys on Drug Use and Health, 2005 and 2006, published Feb 2008.

- **Children and Adults:** Table B.20, Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year, by Age Group and State: Percentages, Annual Averages Based on 2005 and 2006 NSDUH.

Prevalence rate for adolescents (ages 12-17) is 7.83%, for adults (ages 18-25) is 18.87%, and for adults (ages 26+) is 6.84%. Total = 8.45%. Applying these age group rates to July 2008 population = 8.62% total.

**DD Prevalence Rates:** Report by the US DHHS, Surgeon General (2001) based on data from the 1994 and 1995 National Health Interview Survey (NHIS) Disability Supplement, Phase I, Estimated Ages of People with MR/DD in US Non-Institutional Population. Prevalence rates for persons ages 3-5 = 3.8%, ages 6-16 = 3.2%, ages 17-24 = 1.5%, ages 25-34 = 0.9%, ages 35-44 = 0.8%, ages 45-54 = 0.7%, ages 55-64 = 0.5%, ages 65+ = 0.4%.

**Estimated Persons In Need Of Services:** These numbers were calculated by multiplying the most current available statewide prevalence rates for NC for MH, DD, and SA by the July 2008 county population projections for each relevant age group for each county in each LME's catchment area.

**Persons Served:** Disability group is based on the first three diagnoses on all claims. Persons in each disability group were counted once -- based on the LME and age at first service in the year. Persons with multiple disabilities (e.g. MH and SA, MH and DD, etc.) were counted in all applicable columns. An unduplicated total of 101,695 children and 176,532 adults were served during this 12 month period.

INDICATOR 3: Timely Initiation and Engagement of Individuals in Service (Mental Health)									
LME	2 Visits within 14 Days		2nd Service > 14 Days		No 2nd Service		Total Number with an Initial Visit	4 Visits within 45 Days**	
	Number	Percent	Number	Percent	Number	Percent		Number	Percent
Cumberland	612	31%	451	23%	911	46%	1,974	369	19%
Durham	614	49%	256	20%	382	31%	1,252	474	38%
Guilford	947	49%	456	23%	539	28%	1,942	664	34%
Mecklenburg	1,166	43%	583	21%	973	36%	2,722	844	31%
Pathways	889	37%	681	28%	857	35%	2,427	572	24%
Wake	1,135	43%	670	26%	822	31%	2,627	799	30%
<b>URBAN SUBTOTAL</b>	<b>5,363</b>	<b>41%</b>	<b>3,097</b>	<b>24%</b>	<b>4,484</b>	<b>35%</b>	<b>12,944</b>	<b>3,722</b>	<b>29%</b>
ACR	408	37%	315	28%	387	35%	1,110	255	23%
Beacon Ctr	649	43%	443	29%	425	28%	1,517	416	27%
CenterPoint	803	48%	354	21%	525	31%	1,682	567	34%
Crossroads	512	37%	462	33%	422	30%	1,396	262	19%
ECBH	1,037	47%	539	25%	612	28%	2,188	738	34%
Eastpointe	765	43%	486	27%	535	30%	1,786	461	26%
MHPartners	490	35%	410	29%	519	37%	1,419	243	17%
OC	350	34%	276	27%	411	40%	1,037	191	18%
OPC	265	37%	200	28%	252	35%	717	183	26%
Piedmont*									
Sandhills	1,152	45%	712	28%	723	28%	2,587	728	28%
SEC	673	40%	408	24%	620	36%	1,701	453	27%
WHighlands	1,218	47%	669	26%	688	27%	2,575	787	31%
<b>MIXED SUBTOTAL</b>	<b>8,322</b>	<b>42%</b>	<b>5,274</b>	<b>27%</b>	<b>6,119</b>	<b>31%</b>	<b>19,715</b>	<b>5,284</b>	<b>27%</b>
Albemarle	534	46%	254	22%	377	32%	1,165	328	28%
Five County	512	38%	381	28%	444	33%	1,337	331	25%
Johnston	286	38%	199	26%	276	36%	761	161	21%
SMountain	1,162	39%	699	24%	1,093	37%	2,954	691	23%
SER	987	56%	404	23%	380	21%	1,771	760	43%
<b>RURAL SUBTOTAL</b>	<b>3,481</b>	<b>44%</b>	<b>1,937</b>	<b>24%</b>	<b>2,570</b>	<b>32%</b>	<b>7,988</b>	<b>2,271</b>	<b>28%</b>
<b>STATEWIDE</b>	<b>17,166</b>	<b>42%</b>	<b>10,308</b>	<b>25%</b>	<b>13,173</b>	<b>32%</b>	<b>40,647</b>	<b>11,277</b>	<b>28%</b>

SOURCE: Medicaid and State Service Claims Data. April 1 - June 30, 2008 (first service received) based on claims paid through October 31, 2008.

\* Data on service claims for Piedmont are not available for this report.

\*\* For persons receiving 2 visits within the first 14 days of service.

NOTE: Percentages should **NOT** total 100% across the LME row.

INDICATOR 3: Timely Initiation and Engagement of Individuals in Service (Developmental Disability)									
LME	2 Visits within 14 Days		2nd Service > 14 Days		No 2nd Service		Total Number with an Initial Visit	4 Visits within 45 Days**	
	Number	Percent	Number	Percent	Number	Percent		Number	Percent
Cumberland	40	70%	7	12%	10	18%	57	33	58%
Durham	13	72%	4	22%	1	6%	18	9	50%
Guilford	38	78%	4	8%	7	14%	49	29	59%
Mecklenburg	52	72%	9	13%	11	15%	72	43	60%
Pathways	37	58%	11	17%	16	25%	64	28	44%
Wake	62	77%	10	12%	9	11%	81	50	62%
<b>URBAN SUBTOTAL</b>	<b>242</b>	<b>71%</b>	<b>45</b>	<b>13%</b>	<b>54</b>	<b>16%</b>	<b>341</b>	<b>192</b>	<b>56%</b>
ACR	16	76%	2	10%	3	14%	21	14	67%
Beacon Ctr	39	63%	15	24%	8	13%	62	27	44%
CenterPoint	31	60%	13	25%	8	15%	52	23	44%
Crossroads	14	82%	2	12%	1	6%	17	11	65%
ECBH	33	63%	8	15%	11	21%	52	27	52%
Eastpointe	28	65%	8	19%	7	16%	43	23	53%
MHPartners	16	70%	1	4%	6	26%	23	14	61%
OC	16	64%	6	24%	3	12%	25	12	48%
OPC	10	56%	3	17%	5	28%	18	7	39%
Piedmont*									
Sandhills	24	60%	10	25%	6	15%	40	17	43%
SEC	32	67%	8	17%	8	17%	48	29	60%
WHighlands	33	62%	8	15%	12	23%	53	23	43%
<b>MIXED SUBTOTAL</b>	<b>292</b>	<b>64%</b>	<b>84</b>	<b>19%</b>	<b>78</b>	<b>17%</b>	<b>454</b>	<b>227</b>	<b>50%</b>
Albemarle	10	71%	1	7%	3	21%	14	7	50%
Five County	17	57%	6	20%	7	23%	30	14	47%
Johnston	12	75%	1	6%	3	19%	16	12	75%
SMountain	57	78%	9	12%	7	10%	73	43	59%
SER	18	60%	3	10%	9	30%	30	16	53%
<b>RURAL SUBTOTAL</b>	<b>114</b>	<b>70%</b>	<b>20</b>	<b>12%</b>	<b>29</b>	<b>18%</b>	<b>163</b>	<b>92</b>	<b>56%</b>
<b>STATEWIDE</b>	<b>648</b>	<b>68%</b>	<b>149</b>	<b>16%</b>	<b>161</b>	<b>17%</b>	<b>958</b>	<b>511</b>	<b>53%</b>

SOURCE: Medicaid and State Service Claims Data. April 1 - June 30, 2008 (first service received) based on claims paid through October 31, 2008.

\* Data on service claims for Piedmont are not available for this report.

\*\* For persons receiving 2 visits within the first 14 days of service.

NOTES: Percentages should **NOT** total 100% across the LME row.

This measures includes a low number of persons with dual DD/SA diagnoses.

INDICATOR 3: Timely Initiation and Engagement of Individuals in Service (Substance Abuse)									
LME	2 Visits within 14 Days		2nd Service > 14 Days		No 2nd Service		Total Number with an Initial Visit	4 Visits within 45 Days**	
	Number	Percent	Number	Percent	Number	Percent		Number	Percent
Cumberland	103	65%	14	9%	41	26%	158	79	50%
Durham	92	81%	5	4%	16	14%	113	69	61%
Guilford	165	71%	17	7%	52	22%	234	132	56%
Mecklenburg	501	69%	53	7%	177	24%	731	386	53%
Pathways	145	64%	28	12%	54	24%	227	110	48%
Wake	225	59%	54	14%	100	26%	379	163	43%
<b>URBAN SUBTOTAL</b>	<b>1,231</b>	<b>67%</b>	<b>171</b>	<b>9%</b>	<b>440</b>	<b>24%</b>	<b>1,842</b>	<b>939</b>	<b>51%</b>
ACR	74	63%	17	15%	26	22%	117	50	43%
Beacon Ctr	64	57%	21	19%	28	25%	113	46	41%
CenterPoint	135	55%	48	19%	64	26%	247	105	43%
Crossroads	71	57%	14	11%	39	31%	124	51	41%
ECBH	111	59%	26	14%	51	27%	188	79	42%
Eastpointe	42	37%	29	26%	42	37%	113	18	16%
MHPartners	156	62%	16	6%	78	31%	250	132	53%
OC	74	45%	25	15%	66	40%	165	44	27%
OPC	40	53%	8	11%	28	37%	76	29	38%
Piedmont*									
Sandhills	176	67%	42	16%	46	17%	264	126	48%
SEC	146	61%	44	18%	51	21%	241	100	41%
WHighlands	170	75%	13	6%	45	20%	228	121	53%
<b>MIXED SUBTOTAL</b>	<b>1,259</b>	<b>59%</b>	<b>303</b>	<b>14%</b>	<b>564</b>	<b>27%</b>	<b>2,126</b>	<b>901</b>	<b>42%</b>
Albemarle	62	41%	17	11%	71	47%	150	44	29%
Five County	70	56%	17	14%	38	30%	125	46	37%
Johnston	20	57%	2	6%	13	37%	35	18	51%
SMountain	221	62%	33	9%	105	29%	359	166	46%
SER	98	64%	16	10%	40	26%	154	75	49%
<b>RURAL SUBTOTAL</b>	<b>471</b>	<b>57%</b>	<b>85</b>	<b>10%</b>	<b>267</b>	<b>32%</b>	<b>823</b>	<b>349</b>	<b>42%</b>
<b>STATEWIDE</b>	<b>2,961</b>	<b>62%</b>	<b>559</b>	<b>12%</b>	<b>1,271</b>	<b>27%</b>	<b>4,791</b>	<b>2,189</b>	<b>46%</b>

SOURCE: Medicaid and State Service Claims Data. April 1 - June 30, 2008 (first service received) based on claims paid through October 31, 2008.

\* Data on service claims for Piedmont are not available for this report.

\*\* For persons receiving 2 visits within the first 14 days of service.

NOTE: Percentages should **NOT** total 100% across the LME row.

INDICATOR 3: Timely Initiation and Engagement of Individuals in Service (Mental Health/Developmental Disability)									
LME	2 Visits within 14 Days		2nd Service > 14 Days		No 2nd Service		Total Number with an Initial Visit	4 Visits within 45 Days**	
	Number	Percent	Number	Percent	Number	Percent		Number	Percent
Cumberland	27	43%	14	22%	22	35%	63	19	30%
Durham	20	71%	4	14%	4	14%	28	12	43%
Guilford	19	49%	13	33%	7	18%	39	16	41%
Mecklenburg	77	52%	34	23%	36	24%	147	53	36%
Pathways	33	66%	14	28%	3	6%	50	27	54%
Wake	27	57%	12	26%	8	17%	47	24	51%
<b>URBAN SUBTOTAL</b>	<b>203</b>	<b>54%</b>	<b>91</b>	<b>24%</b>	<b>80</b>	<b>21%</b>	<b>374</b>	<b>151</b>	<b>40%</b>
ACR	19	83%	2	9%	2	9%	23	17	74%
Beacon Ctr	11	34%	14	44%	7	22%	32	11	34%
CenterPoint	24	83%	5	17%	0	0%	29	19	66%
Crossroads	8	47%	6	35%	3	18%	17	7	41%
ECBH	49	60%	22	27%	11	13%	82	38	46%
Eastpointe	26	57%	12	26%	8	17%	46	22	48%
MHPartners	16	59%	6	22%	5	19%	27	12	44%
OC	9	47%	9	47%	1	5%	19	6	32%
OPC	13	57%	6	26%	4	17%	23	9	39%
Piedmont*									
Sandhills	29	62%	14	30%	4	9%	47	23	49%
SEC	34	74%	9	20%	3	7%	46	29	63%
WHighlands	30	54%	20	36%	6	11%	56	25	45%
<b>MIXED SUBTOTAL</b>	<b>268</b>	<b>60%</b>	<b>125</b>	<b>28%</b>	<b>54</b>	<b>12%</b>	<b>447</b>	<b>218</b>	<b>49%</b>
Albemarle	12	60%	6	30%	2	10%	20	11	55%
Five County	26	53%	16	33%	7	14%	49	24	49%
Johnston	8	31%	10	38%	8	31%	26	5	19%
SMountain	38	62%	16	26%	7	11%	61	30	49%
SER	41	73%	11	20%	4	7%	56	31	55%
<b>RURAL SUBTOTAL</b>	<b>125</b>	<b>59%</b>	<b>59</b>	<b>28%</b>	<b>28</b>	<b>13%</b>	<b>212</b>	<b>101</b>	<b>48%</b>
<b>STATEWIDE</b>	<b>596</b>	<b>58%</b>	<b>275</b>	<b>27%</b>	<b>162</b>	<b>16%</b>	<b>1,033</b>	<b>470</b>	<b>45%</b>

SOURCE: Medicaid and State Service Claims Data. April 1 - June 30, 2008 (first service received) based on claims paid through October 31, 2008.

\* Data on service claims for Piedmont are not available for this report.

\*\* For persons receiving 2 visits within the first 14 days of service.

NOTE: Percentages should **NOT** total 100% across the LME row.

INDICATOR 3: Timely Initiation and Engagement of Individuals in Service (Mental Health/Substance Abuse)									
LME	2 Visits within 14 Days		2nd Service > 14 Days		No 2nd Service		Total Number with an Initial Visit	4 Visits within 45 Days**	
	Number	Percent	Number	Percent	Number	Percent		Number	Percent
Cumberland	86	40%	43	20%	88	41%	217	59	27%
Durham	142	74%	37	19%	12	6%	191	120	63%
Guilford	208	59%	83	24%	60	17%	351	147	42%
Mecklenburg	169	46%	77	21%	124	34%	370	150	41%
Pathways	157	62%	47	19%	50	20%	254	124	49%
Wake	180	51%	82	23%	90	26%	352	133	38%
<b>URBAN SUBTOTAL</b>	<b>942</b>	<b>54%</b>	<b>369</b>	<b>21%</b>	<b>424</b>	<b>24%</b>	<b>1,735</b>	<b>733</b>	<b>42%</b>
ACR	50	46%	34	31%	25	23%	109	33	30%
Beacon Ctr	83	58%	38	26%	23	16%	144	66	46%
CenterPoint	200	58%	77	22%	70	20%	347	157	45%
Crossroads	114	52%	66	30%	38	17%	218	76	35%
ECBH	153	62%	45	18%	48	20%	246	113	46%
Eastpointe	92	49%	52	28%	43	23%	187	54	29%
MHPartners	76	54%	42	30%	24	17%	142	57	40%
OC	50	56%	40	44%	0	0%	90	34	38%
OPC	55	61%	17	19%	18	20%	90	45	50%
Piedmont*									
Sandhills	181	62%	79	27%	33	11%	293	143	49%
SEC	113	64%	34	19%	30	17%	177	92	52%
WHighlands	279	71%	67	17%	48	12%	394	213	54%
<b>MIXED SUBTOTAL</b>	<b>1,446</b>	<b>59%</b>	<b>591</b>	<b>24%</b>	<b>400</b>	<b>16%</b>	<b>2,437</b>	<b>1,083</b>	<b>44%</b>
Albemarle	74	48%	40	26%	41	26%	155	45	29%
Five County	124	55%	55	24%	47	21%	226	89	39%
Johnston	104	56%	39	21%	44	24%	187	75	40%
SMountain	288	59%	100	21%	99	20%	487	202	41%
SER	175	68%	45	17%	39	15%	259	131	51%
<b>RURAL SUBTOTAL</b>	<b>765</b>	<b>58%</b>	<b>279</b>	<b>21%</b>	<b>270</b>	<b>21%</b>	<b>1,314</b>	<b>542</b>	<b>41%</b>
<b>STATEWIDE</b>	<b>3,153</b>	<b>57%</b>	<b>1,239</b>	<b>23%</b>	<b>1,094</b>	<b>20%</b>	<b>5,486</b>	<b>2,358</b>	<b>43%</b>

SOURCE: Medicaid and State Service Claims Data. April 1 - June 30, 2008 (first service received) based on claims paid through October 31, 2008.

\* Data on service claims for Piedmont are not available for this report.

\*\* For persons receiving 2 visits within the first 14 days of service.

NOTE: Percentages should **NOT** total 100% across the LME row.

INDICATOR 4: Effective Use of State Psychiatric Hospitals										
LME	7 Days of Care or Less		8 - 30 Days of Care		31 - 365 Days of Care		Greater than 1 Year		Total Discharges	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Average LOS (Days)
Cumberland	27	38%	22	31%	22	31%	0	0%	71	33.7
Durham	80	51%	59	38%	17	11%	0	0%	156	14.3
Guilford	87	49%	60	34%	31	17%	0	0%	178	19.0
Mecklenburg	18	32%	24	42%	15	26%	0	0%	57	34.7
Pathways	4	19%	5	24%	11	52%	1	5%	21	87.1
Wake	300	67%	117	26%	31	7%	2	0%	450	14.7
<b>URBAN SUBTOTAL</b>	<b>516</b>	<b>55%</b>	<b>287</b>	<b>31%</b>	<b>127</b>	<b>14%</b>	<b>3</b>	<b>0%</b>	<b>933</b>	<b>19.8</b>
ACR	62	58%	36	34%	8	8%	0	0%	106	13.4
Beacon Ctr	41	44%	36	38%	13	14%	4	4%	94	46.2
CenterPoint	59	44%	57	43%	17	13%	0	0%	133	16.1
Crossroads	37	56%	13	20%	16	24%	0	0%	66	31.1
ECBH	28	33%	38	45%	13	15%	6	7%	85	97.1
Eastpointe	55	45%	45	37%	20	16%	2	2%	122	29.6
MHPartners	19	45%	10	24%	12	29%	1	2%	42	57.0
OC	18	43%	19	45%	3	7%	2	5%	42	80.6
OPC	38	54%	25	35%	8	11%	0	0%	71	18.8
Piedmont	29	39%	27	36%	16	22%	2	3%	74	31.3
Sandhills	46	61%	16	21%	12	16%	1	1%	75	60.7
SEC	56	63%	25	28%	8	9%	0	0%	89	14.2
WHighlands	53	42%	37	29%	36	28%	1	1%	127	69.1
<b>MIXED SUBTOTAL</b>	<b>541</b>	<b>48%</b>	<b>384</b>	<b>34%</b>	<b>182</b>	<b>16%</b>	<b>19</b>	<b>2%</b>	<b>1,126</b>	<b>40.7</b>
Albemarle	17	41%	19	46%	5	12%	0	0%	41	18.2
Five County	57	52%	40	36%	12	11%	1	1%	110	20.9
Johnston	21	53%	15	38%	4	10%	0	0%	40	10.5
SMountain	83	53%	50	32%	23	15%	2	1%	158	32.9
SER	21	41%	21	41%	9	18%	0	0%	51	18.2
<b>RURAL SUBTOTAL</b>	<b>199</b>	<b>50%</b>	<b>145</b>	<b>36%</b>	<b>53</b>	<b>13%</b>	<b>3</b>	<b>1%</b>	<b>400</b>	<b>24.0</b>
<b>STATEWIDE</b>	<b>1,256</b>	<b>51%</b>	<b>816</b>	<b>33%</b>	<b>362</b>	<b>15%</b>	<b>25</b>	<b>1%</b>	<b>2,459</b>	<b>30.1</b>

SOURCE: Healthcare Enterprise Accounts Receivable Tracking System (HEARTS) Data for discharges between July 1 - September 30, 2008 as reported in the Consumer Data Warehouse (CDW) as of 11/7/08

<b>INDICATOR 5: State Psychiatric Hospital Readmissions</b>					
<b>LME</b>	<b>Readmitted within 30 Days of Discharge</b>		<b>Readmitted within 180 Days of Discharge</b>		<b>Total Discharges</b>
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>	
Cumberland	19	17%	40	36%	110
Durham	18	10%	45	25%	182
Guilford	18	10%	41	23%	180
Mecklenburg	4	6%	15	23%	64
Pathways	1	3%	7	18%	40
Wake	61	13%	126	26%	482
<b>URBAN SUBTOTAL</b>	<b>121</b>	<b>11%</b>	<b>274</b>	<b>26%</b>	<b>1,058</b>
ACR	9	7%	24	19%	125
Beacon Ctr	13	10%	28	21%	132
CenterPoint	13	9%	39	27%	147
Crossroads	4	6%	16	25%	65
ECBH	12	11%	27	26%	105
Eastpointe	26	17%	42	28%	150
MHPartners	3	5%	11	20%	56
OC	8	14%	12	21%	58
OPC	7	7%	22	22%	98
Piedmont	15	12%	28	22%	129
Sandhills	13	12%	23	21%	111
SEC	5	5%	16	16%	102
WHighlands	12	8%	25	16%	152
<b>MIXED SUBTOTAL</b>	<b>140</b>	<b>10%</b>	<b>313</b>	<b>22%</b>	<b>1,430</b>
Albemarle	4	8%	8	17%	48
Five County	5	4%	23	18%	126
Johnston	1	3%	3	8%	36
SMountain	4	4%	19	18%	103
SER	13	18%	20	27%	73
<b>RURAL SUBTOTAL</b>	<b>27</b>	<b>7%</b>	<b>73</b>	<b>19%</b>	<b>386</b>
<b>STATEWIDE</b>	<b>288</b>	<b>10%</b>	<b>660</b>	<b>23%</b>	<b>2,874</b>

SOURCE: Healthcare Enterprise Accounts Receivable Tracking System (HEARTS) Data for discharges between January 1, 2008 - March 31, 2008 as reported in the Consumer Data Warehouse (CDW) as of 11/14/08



INDICATOR 6: Timely Follow-Up Care for Individuals After Inpatient Care (ADATCs)											
LME	Seen in 1 to 7 days		Seen in 8 to 30 days		Seen in 31 to 60 days		Seen in 61+ days		Not Seen		Total Number of Discharges
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Cumberland	5	45%	1	9%	0	0%	1	9%	4	36%	11
Durham	2	20%	2	20%	0	0%	4	40%	2	20%	10
Guilford	9	60%	1	7%	1	7%	1	7%	3	20%	15
Mecklenburg	14	26%	2	4%	4	7%	5	9%	29	54%	54
Pathways	14	25%	13	24%	4	7%	3	5%	21	38%	55
Wake	4	27%	1	7%	2	13%	0	0%	8	53%	15
<b>URBAN SUBTOTAL</b>	<b>48</b>	<b>30%</b>	<b>20</b>	<b>13%</b>	<b>11</b>	<b>7%</b>	<b>14</b>	<b>9%</b>	<b>67</b>	<b>42%</b>	<b>160</b>
ACR	1	10%	2	20%	1	10%	1	10%	5	50%	10
Beacon Ctr	8	11%	8	11%	5	7%	0	0%	51	71%	72
CenterPoint	2	14%	5	36%	0	0%	2	14%	5	36%	14
Crossroads	4	36%	3	27%	0	0%	0	0%	4	36%	11
ECBH	20	18%	14	13%	6	5%	7	6%	63	57%	110
Eastpointe	12	25%	7	15%	1	2%	3	6%	25	52%	48
MHPartners	17	40%	5	12%	1	2%	5	12%	15	35%	43
OC	7	20%	1	3%	1	3%	7	20%	19	54%	35
OPC	1	13%	0	0%	1	13%	1	13%	5	63%	8
Piedmont*											
Sandhills	5	33%	2	13%	1	7%	1	7%	6	40%	15
SEC	13	22%	6	10%	2	3%	6	10%	33	55%	60
WHighlands	29	27%	15	14%	8	8%	8	8%	46	43%	106
<b>MIXED SUBTOTAL</b>	<b>119</b>	<b>22%</b>	<b>68</b>	<b>13%</b>	<b>27</b>	<b>5%</b>	<b>41</b>	<b>8%</b>	<b>277</b>	<b>52%</b>	<b>532</b>
Albemarle	16	27%	3	5%	1	2%	1	2%	38	64%	59
Five County	6	21%	3	11%	1	4%	4	14%	14	50%	28
Johnston	0	0%	0	0%	0	0%	0	0%	3	100%	3
SMountain	13	27%	6	12%	4	8%	1	2%	25	51%	49
SER	8	50%	1	6%	2	13%	1	6%	4	25%	16
<b>RURAL SUBTOTAL</b>	<b>43</b>	<b>28%</b>	<b>13</b>	<b>8%</b>	<b>8</b>	<b>5%</b>	<b>7</b>	<b>5%</b>	<b>84</b>	<b>54%</b>	<b>155</b>
<b>STATEWIDE</b>	<b>210</b>	<b>25%</b>	<b>101</b>	<b>12%</b>	<b>46</b>	<b>5%</b>	<b>62</b>	<b>7%</b>	<b>428</b>	<b>51%</b>	<b>847</b>

SOURCE: Healthcare Enterprise Accounts Receivable Tracking System (HEARTS) data for discharges between April 1 - June 30, 2008 in Client Data Warehouse (CDW) as of November 7, 2008 matched to Medicaid and State Service Claims Data for claims paid through October 31, 2008).

NOTES: The data has been lagged 4 months to allow time for claims to be submitted and the data to be captured by the paid claims system and may not be complete for claims that were submitted and paid later.

The rows may add up to > 100% due to rounding.

\* Data on service claims for Piedmont are not available for this report.

INDICATOR 6: Timely Follow-Up Care for Individuals After Inpatient Care (Psychiatric Hospitals)											
LME	Seen in 1 to 7 days		Seen in 8 to 30 days		Seen in 31 to 60 days		Seen in 61+ days		Not Seen		Total Number of Discharges
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Cumberland	44	43%	13	13%	6	6%	7	7%	33	32%	103
Durham	78	43%	24	13%	5	3%	12	7%	61	34%	180
Guilford	107	43%	25	10%	19	8%	14	6%	82	33%	247
Mecklenburg	27	37%	10	14%	4	5%	6	8%	26	36%	73
Pathways	18	49%	7	19%	1	3%	1	3%	10	27%	37
Wake	141	31%	69	15%	23	5%	30	7%	198	43%	461
<b>URBAN SUBTOTAL</b>	<b>415</b>	<b>38%</b>	<b>148</b>	<b>13%</b>	<b>58</b>	<b>5%</b>	<b>70</b>	<b>6%</b>	<b>410</b>	<b>37%</b>	<b>1,101</b>
ACR	35	24%	15	10%	13	9%	15	10%	66	46%	144
Beacon Ctr	41	30%	28	21%	6	4%	5	4%	56	41%	136
CenterPoint	42	27%	38	24%	13	8%	8	5%	56	36%	157
Crossroads	22	34%	14	22%	5	8%	1	2%	23	35%	65
ECBH	35	44%	7	9%	3	4%	2	3%	32	41%	79
Eastpointe	31	27%	12	11%	7	6%	14	12%	50	44%	114
MHPartners	20	44%	6	13%	0	0%	4	9%	15	33%	45
OC	11	31%	5	14%	3	9%	3	9%	13	37%	35
OPC	25	29%	8	9%	4	5%	7	8%	43	49%	87
Piedmont*											
Sandhills	43	40%	15	14%	6	6%	1	1%	42	39%	107
SEC	42	42%	15	15%	11	11%	3	3%	29	29%	100
WHighlands	52	39%	19	14%	10	8%	6	5%	46	35%	133
<b>MIXED SUBTOTAL</b>	<b>399</b>	<b>33%</b>	<b>182</b>	<b>15%</b>	<b>81</b>	<b>7%</b>	<b>69</b>	<b>6%</b>	<b>471</b>	<b>39%</b>	<b>1,202</b>
Albemarle	15	48%	3	10%	1	3%	3	10%	9	29%	31
Five County	30	24%	17	14%	14	11%	7	6%	55	45%	123
Johnston	17	39%	5	11%	2	5%	1	2%	19	43%	44
SMountain	50	48%	18	17%	4	4%	3	3%	30	29%	105
SER	14	42%	8	24%	4	12%	2	6%	5	15%	33
<b>RURAL SUBTOTAL</b>	<b>126</b>	<b>38%</b>	<b>51</b>	<b>15%</b>	<b>25</b>	<b>7%</b>	<b>16</b>	<b>5%</b>	<b>118</b>	<b>35%</b>	<b>336</b>
<b>STATEWIDE</b>	<b>940</b>	<b>36%</b>	<b>381</b>	<b>14%</b>	<b>164</b>	<b>6%</b>	<b>155</b>	<b>6%</b>	<b>999</b>	<b>38%</b>	<b>2,639</b>

SOURCE: Healthcare Enterprise Accounts Receivable Tracking System (HEARTS) data for discharges between April 1 - June 30, 2008 in Client Data Warehouse (CDW) as of November 7, 2008 matched to Medicaid and State Service Claims Data for claims paid through October 31, 2008).

NOTES: The data has been lagged 4 months to allow time for claims to be submitted and the data to be captured by the paid claims system and may not be complete for claims that were submitted and paid later.

The rows may add up to > 100% due to rounding.

\* Data on service claims for Piedmont are not available for this report.

<b>INDICATOR 7: Child Services in Non-Family Settings</b>			
<b>LME</b>	<b>Children Receiving Residential Treatment*</b>		<b>Total Number of Children Served with MH or SA Diagnosis**</b>
	<b>Number</b>	<b>Percent</b>	
Cumberland	117	5%	2,445
Durham	64	2%	2,587
Guilford	154	6%	2,799
Mecklenburg	171	4%	4,875
Pathways	136	4%	3,353
Wake	197	5%	4,275
<b>URBAN SUBTOTAL</b>	<b>839</b>	<b>4%</b>	<b>20,334</b>
ACR	104	7%	1,395
Beacon Ctr	137	5%	2,551
CenterPoint	121	5%	2,485
Crossroads	44	4%	1,179
ECBH	205	4%	5,162
Eastpointe	86	3%	2,716
MHPartners	81	5%	1,793
OC	57	4%	1,281
OPC	37	3%	1,133
Piedmont***			
Sandhills	194	5%	3,889
SEC	130	5%	2,732
WHighlands	167	5%	3,556
<b>MIXED SUBTOTAL</b>	<b>1,363</b>	<b>5%</b>	<b>29,872</b>
Albemarle	49	3%	1,710
Five County	54	3%	1,939
Johnston	53	6%	929
SMountain	121	3%	3,542
SER	117	3%	3,761
<b>RURAL SUBTOTAL</b>	<b>394</b>	<b>3%</b>	<b>11,881</b>
<b>STATEWIDE</b>	<b>2,559</b>	<b>4%</b>	<b>62,087</b>

SOURCE: Medicaid and State Service Claims Data, services received and persons served April 1 - June 30, 2008 paid through October 31, 2008.

\* Residential Treatment Level 2 (Program Type), Level 3, or Level 4.

\*\* The number of children served includes those with co-occurring developmental disabilities.

\*\*\* Data on service claims for Piedmont are not available for this report.

<b>Appendix C</b>									
<b>So...How Did We Do?</b>									
<b>Progress Indicator</b>		<b>SFY 2009 Performance Standard</b>	<b>SFY 2009 Target</b>	<b>State Average</b>	<b>Range Among LMEs (least - most desirable)</b>	<b>Urban LMEs Average</b>	<b>Mix LMEs Average</b>	<b>Rural LMEs Average</b>	<b>Your LME</b>
<b>1. Timely Access to Care</b>									
❖ Emergent	↑	100%	100%	99%	94% - 100%	99%	100%	98%	
❖ Urgent	↑	80%	88%	77%	36% - 100%	94%	74%	58%	
❖ Routine	↑	80%	88%	66%	29% - 98%	75%	63%	61%	
<b>2. Services to Persons in Need</b>									
❖ Adult Mental Health	↑	38%	40%	40%	24% - 61%	34%	41%	55%	
❖ Child/Adolescent Mental Health	↑	38%	40%	47%	28% - 84%	39%	49%	59%	
❖ Adult Developmental Disabilities	↑	36%	38%	37%	23% - 56%	33%	39%	43%	
❖ Child/Adolescent Developmental Disability	↑	19%	20%	20%	13% - 35%	18%	22%	21%	
❖ Adult Substance Abuse	↑	8%	10%	8%	5% - 11%	8%	8%	11%	
❖ Adolescent Substance Abuse	↑	7%	9%	7%	4% - 11%	6%	7%	7%	
<b>3. Timely Initiation &amp; Engagement in Service</b>									
❖ Mental Health: 2 Visits within 14 Days	↑	37%	42%	42%	31% - 56%	41%	42%	44%	
❖ Mental Health: 2 Additional Visits within Next 30 Days	↑	25%	30%	28%	17% - 43%	29%	27%	28%	
❖ Developmental Disabilities: 2 Visits within 14 Days	↑	62%	72%	68%	56% - 82%	71%	64%	70%	
❖ Developmental Disabilities: 2 Additional Visits within Next 30 Days	↑	51%	61%	53%	39% - 75%	56%	50%	56%	
❖ Substance Abuse: 2 Visits within 14 Days	↑	64%	71%	62%	37% - 81%	67%	59%	57%	
❖ Substance Abuse: 2 Additional Visits within Next 30 Days	↑	47%	56%	46%	16% - 61%	51%	42%	42%	
❖ Mental Health/Developmental Disability: 2 Visits within 14 Days	↑	NA	NA	58%	31% - 83%	54%	60%	59%	
❖ Mental Health/Developmental Disability: 2 Additional Visits within Next 30 Days	↑	NA	NA	45%	19% - 74%	40%	49%	48%	
❖ Mental Health/Substance Abuse: 2 Visits within 14 Days	↑	NA	NA	57%	40% - 74%	54%	59%	58%	
❖ Mental Health/Substance Abuse: 2 Additional Visits within Next 30 Days	↑	NA	NA	43%	27% - 63%	42%	44%	41%	
<b>4. Effective Use of State Psychiatric Hospitals</b>									
❖ 1-7 Days of Care	↓	55%	44%	51%	67% - 19%	55%	48%	50%	
❖ 8-30 Days of Care		NA	NA	33%	20% - 46%	31%	34%	36%	
<b>5. State Psychiatric Hospital Readmissions</b>									
❖ Readmitted within 30 Days	↓	12%	11%	10%	18% - 3%	11%	10%	7%	
❖ Readmitted within 180 Days	↓	26%	23%	23%	36% - 8%	26%	22%	19%	
<b>6. Timely Follow-up After Inpatient Care</b>									
❖ ADATCs: Seen in 1-7 Days	↑	26%	70%	25%	0% - 60%	30%	22%	28%	
❖ State Psychiatric Hospitals: Seen in 1-7 Days	↑	35%	70%	36%	24% - 49%	38%	33%	38%	
<b>7. Child Services in Non-Family Settings</b>	↓	6%	5%	4%	7% - 2%	4%	5%	3%	

↑ Goal is to increase the percentage    ↓ Goal is to decrease the percentage

Appendix D: Formulas for Calculating the Performance Indicators Used in the Community Systems Progress Indicators Reports SFY 2008-2009			
Indicator	Numerator	Denominator	Notes
<b>Timely Access to Care</b>	Number of new persons requesting care through the LME's STR/Access Unit or through an LME's provider who are determined to need the relevant level of care (emergent, urgent, or routine) and who receive it within the timeframes specified in Clinical Performance Indicators 3.1.1 - 3.1.3	Number of new persons requesting care through the LME's STR/Access Unit or through an LME's provider who are determined to need the relevant level of care (emergent, urgent or routine), during the defined period.	Defined period includes persons screened during a quarter. For emergent care, access is defined as having a qualified provider on the physical premises read to provide immediate care as soon as the consumer is available to receive care. This indicator will rely on LMEs' quarterly reports, until the DHHS ensures that the screening data submitted to the Client Data Warehouse (CDW) is complete and accurate.
<b>Services to Persons in Need (Treated Prevalence)</b>	Number of unduplicated persons with at least one paid IPRS and/or Medicaid service claim* that indicates a diagnosis for the age-disability group during the defined period. Disability group is based on the first three diagnoses on all claims. Persons in each disability group were counted once -- based on the LME and age at first service in the year. Persons with multiple disabilities (e.g. MH and SA, MH and DD, etc.) were counted in all applicable columns.	Number of persons in the LME catchment area's relevant age group estimated to need service for the disability (based on national studies). Age appropriate estimates were applied to county population, where applicable.	An individual person can be counted in more than one age-disability group.  Defined period includes four quarters of service dates, lagged by one quarter prior to the report to allow time for claims to be submitted and paid.
<b>Timely Initiation of Services</b>	Number of persons with a first paid IPRS and/or Medicaid service claim* that indicates a diagnosis for the disability group during the defined period who receive a second paid IPRS and/or Medicaid service claim that indicates a diagnosis for the disability group within 14 days of the first service date,	Number of persons with a first paid IPRS and/or Medicaid service claim* that indicates a diagnosis for the disability group during the defined period.	The first date of service is defined as a service after 60 days with no service.  Defined period includes first service dates during the quarter being reviewed, lagged by four months following the quarter to allow time for claims to be submitted and paid.
<b>Engagement in Services</b>	Number of persons meeting the criteria for Initiation who receive a fourth paid IPRS and/or Medicaid service claim* that indicates a diagnosis for the disability group within 30 days of the second service date	Number of persons with a first paid IPRS and/or Medicaid service claim* that indicates a diagnosis for the disability group during the defined period	Defined period includes first service dates during the quarter being reviewed, lagged by four months following the quarter to allow time for claims to be submitted and paid.
<b>Effective Use of State Psychiatric Hospitals (Short Term Use)</b>	Number of persons discharged from a state psychiatric hospital during the defined period who were admitted no more than 7 or between 8-30 days prior to discharge	Number of persons discharged from a state psychiatric hospital during the defined period, according to HEARTS data in the Client Data Warehouse (CDW).	Defined period includes discharges during the most recent quarter prior to the report.
<b>State Psychiatric Hospitals Readmissions</b>	Number of persons discharged from a state psychiatric hospital during the defined period who had a subsequent readmission to a state psychiatric hospital within 30 or 180 calendar days of the discharge	Number of persons discharged from a state psychiatric hospital during the defined period, according to HEARTS data in the Client Data Warehouse (CDW).	Defined period includes discharges during a quarter, lagged 7 months to allow for readmissions up to 180 days after discharge, plus one month for the data to be entered into CDW.
<b>Timely Follow-Up After Inpatient Care - State Alcohol &amp; Drug Abuse Treatment Centers (ADATCs)</b>	Number of persons discharged from a state ADATC during the defined period who had a paid IPRS and/or Medicaid service* within 1-7 or 8-30 calendar days of the discharge	Number of persons discharged from a state ADATC during the defined period, according to HEARTS data in the Client Data Warehouse (CDW).	Defined period includes discharges during a quarter, lagged 4 months prior to the report to allow time for claims to be submitted and paid. NOTE: Persons discharged include "direct" or "program completion" discharges for all types of discharge referrals except "court corrections prisons" and "VA".
<b>Timely Follow-Up After Inpatient Care - State Psychiatric Hospitals</b>	Number of persons discharged from a state psychiatric hospital during the defined period who had a paid IPRS and/or Medicaid service* within 1-7 or 8-30 calendar days of the discharge	Number of persons discharged from a state psychiatric hospital during the defined period, according to HEARTS data in the Client Data Warehouse (CDW).	Defined period includes discharges during a quarter, lagged 4 months prior to the report to allow time for claims to be submitted and paid. NOTE: Persons discharged include "direct" discharges that are referred to other outpatient and residential non-state facility, self/no referral, unknown, community agency, private physician, other health care, family friends, nonresidential treatment/habilitation program, or other.
<b>Child Services in Non-Family Settings</b>	Number of children ages 0-17 with a MH and/or SA diagnosis who had a paid IPRS and/or Medicaid claim* for Level II-Program, Level III, or Level IV residential treatment services during the defined period.	Number of children ages 0-17 with a MH and/or SA diagnosis who had a paid IPRS and/or Medicaid service* during the defined period.	Defined period includes one quarter of service dates, lagged by 4 months prior to the report to allow time for claims to be submitted and paid.

\*Service claims data include:

(1) All paid IPRS claims and claims denied due to lack of funds. (Other denied IPRS claims and procedure codes YP500 and YP692 are excluded.)

(2) All Medicaid claims billed by the following providers:

All enhanced services  
CAP-MR/DD  
Directly-enrolled residential  
Professional practitioners (licensed psychologists, LCSWs, etc.)  
Psychiatrists  
Psychiatric residential treatment facilities (excluding state-operated)

Criterion 5 extended-stay residential placements  
Community Intermediate Care Facilities for Mental Retardation  
General hospital inpatient psychiatric units  
Select general hospital outpatient  
Community psychiatric hospitals (excluding state-operated)